

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/08422

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C30B15/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C30B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 306 473 A (TAKARIKI KAZUHIKO ET AL) 26 April 1994 (1994-04-26) column 4-6; claim 1	1,5
A	US 5 306 388 A (ITO TOHRU ET AL) 26 April 1994 (1994-04-26) column 4-6; claim 1	1,5
A	WO 01 92609 A (HERAEUS QUARZGLAS ; MIZUNO SHIGEO (JP); OHAMA YASUO (JP); MATSUI HI) 6 December 2001 (2001-12-06) the whole document	5
A	& JP 2001 348294 A (HERAEUS QUARZGLAS) 18 December 2001 (2001-12-18) cited in the application	
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *G* document member of the same patent family

Date of the actual completion of the international search

25 November 2003

Date of mailing of the international search report

03/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Cook, S

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/08422

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 1 024 118 A (HERAEUS QUARZGLAS ;SHINETSU QUARTZ PROD (JP)) 2 August 2000 (2000-08-02) the whole document</p>	5

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/08422

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5306473	A	26-04-1994	NONE	
US 5306388	A	26-04-1994	JP 2714860 B2 JP 3060490 A	16-02-1998 15-03-1991
WO 0192609	A	06-12-2001	JP 2001348294 A WO 0192609 A2 EP 1290250 A2 US 2002192409 A1	18-12-2001 06-12-2001 12-03-2003 19-12-2002
EP 1024118	A	02-08-2000	JP 2000219593 A EP 1024118 A2	08-08-2000 02-08-2000